

JP2002096105

Publication Title:

METHOD FOR MANUFACTURING HIGH-STRENGTH STEEL PIPE

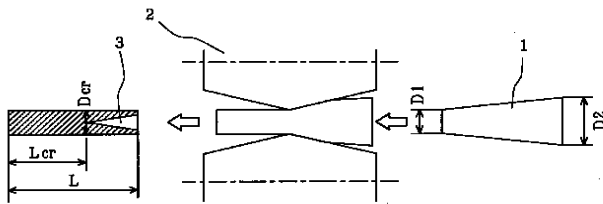
Abstract:

Abstract of JP 2002096105

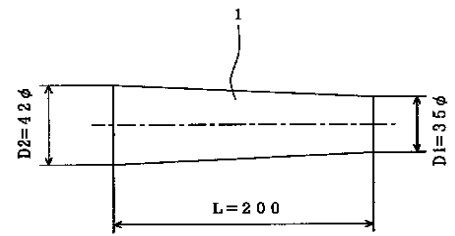
(A) PROBLEM TO BE SOLVED: To manufacture a high-strength steel pipe which restrains inner flaws from being caused and which is excellent in resistance to sulfide, stress and corrosion cracking. SOLUTION: Seamless pipes are manufactured by the direct hot rolling of billets made by continuously casting low-alloy steel containing C of 0.2-0.3 wt.%, Si of 0.1-0.3 wt.%, Mn of 0.1-0.3 wt.%, P of 0.15 wt.% or less, S of 0.002 wt.% or less, Cr of 0.5-1.5 wt.%, Mo of 0.2-1.0 wt.%, Nb of 0.01-0.05 wt.%, B of 0.0005-0.005 wt.%, O of 0.005 wt.% or less and H of 0.0005 wt.%, and the seamless pipes are then subjected to heat treatment such as quenching and tempering.

Courtesy of <http://v3.espacenet.com>

【図1】



【図2】



フロントページの続き

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